

**REMARKS**

Claims 1-31 are pending in the Application and stand rejected.

Claims 1 and 31 are currently amended.

Claims 5 and 21-30 are currently cancelled.

**Objections to the Specification**

The Office Action objects to the Specification because the Abstract includes the text of the title. In response, the Specification is currently amended to remove the text of the title from the Abstract.

**Rejections Under 35 U.S.C. § 102**

Claims 1-9, 12-18, 20-24, and 26-31 stand rejected under 35 U.S.C. § 102 (e) as anticipated by *White* (U.S. pub. no. 2003/0229868). Claims 21-30 are cancelled. Claims 1 and 31 are currently amended and recite limitations not found in *White*, or any combination of the cited references.

Claims 1 is amended to recite, "wherein the desired electrical characteristics include at least one of gain and switching speed." These two limitations added to claim 1 are a variation of three such limitations previously included in currently cancelled claim 5. *White* does not disclose determining whether actual electrical characteristics sufficiently match desired electrical characteristics including either "gain" or "switching speed." In rejecting cancelled claim 5, the Office Action cites to *White's* paragraphs [0006] and [0201]. *White's* paragraph [0006] discloses that the electronic design is associated with electrical characteristics including sheet resistance, capacitance, drive current, signal integrity, power distribution, and timing closure. Similarly, *White's* paragraph [0201] discloses the same elements of sheet resistance, capacitance, drive current, and timing closure. Nowhere does *White* disclose claim 1's elements "wherein the desired electrical characteristics include at least one of gain and switching speed." Therefore, claim 1 is patentable over *White*.

Claims 2-4, 12-18, and 20 depend from claim 1 and therefore recite the limitations of claim 1. Claim 31 recites limitations similar to claim 1 and is allowable for the same reasons as claim 1. Therefore, claims 1, 2-4, 12-18, 20, and 31 are patentable over *White*.

**Rejections Under 35 U.S.C. § 103**

Claims 10-11, 19, and 25 stand rejected under 35 U.S.C. 103(a) as anticipated by *White* in view of *Rosenbluth* (U.S. pub. no. 2002/0140920). Claim 25 is currently cancelled.

Claims 10-11 and 19 depend from amended claim 1, which recites, "wherein the desired electrical characteristics include at least one of gain and switching speed." As discussed above, *White* does not disclose these elements. Similarly, *Rosenbluth* does not disclose these elements. Further, no combination of the cited references discloses or suggests these elements. Therefore, claims 10-11 and 19 are patentable over the cited references.

**CONCLUSION**

Claims 1 and 31 are amended and recite limitations not disclosed or suggested by any combination of the cited references. Claims 5 and 21-30 are cancelled. Claims 2-4 and 6-20 depend from claim 1 and are allowable. Therefore, each remaining claim is allowable over the cited references.

If there are any remaining issues that may be resolved by telephone, the Examiner is invited to call the undersigned at 512-370-2851.

Respectfully submitted,  
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